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# **Inventory Web Service Attribute Definitions**

**USGS / EROS**

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## Revision Sheet

Release No.	Date	Revision Description
	06/12/2009	Original
Rev. 1	10/09/2009	Additional descriptions
Rev. 2	11/04/2009	Denoted attributes guaranteed to be populated
Rev. 3	12/16/2009	1. Removed access to the following attributes designed for internal USGS use only: SDE_LAYER, Shape, SHAPE.LEN, OBJECTID, SHAPE.AREA,STOR_LOC 2. New formatting for this document 3. New designations for those attributes guaranteed to be fully populated

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# 1 GENERAL INFORMATION

## 1.1 Overview

The USGS EROS Inventory Web Service is designed for the general public to be able to query the USGS data holdings by geographic area and have various attributes of each dataset falling within that geographic area returned to them. The user is able to define only those attributes that they want returned for any particular query. This document describes the meaning of the feature attributes and possible values for each. Not all attributes will be fully populated for some datasets. As datasets move through the various production and release stages, more status information is known about those datasets and will then be relected in the Inventory Web Service.

## 1.2 Organization of the Manual

Section 1 provides a general description of the system.

Section 2 provides a list of the dataset attributes and their possible values

## 1.3 Acronyms and Abbreviations

Acronym	Definition
WMS	Web Map Service
SDDS	Seamless Data Distribution Server
TDDS	Tiled Data Distribution Server
FOUO	For Official Use Only

## 2 LIST OF ATTRIBUTES

Attribute Name	Fully Populated	Description	Possible Values / Notes
<b>ACQ_MONTH</b>	no	Month the data was collected. Flight date for orthoimagery	
<b>ACQ_YEAR</b>	no	Year the data was collected. Flight date for orthoimagery	
<b>AREA_NAME</b>	yes	General text name for this dataset	
<b>AVAI_NGTOC</b>	no	Date the dataset arrived at USGS NGTOC location	
<b>AVAI_SDDS</b>	no	Date this dataset was first available in USGS Seamless Server	
<b>AVAI_TDDS</b>	no	Date available as a tiled dataset in USGS TDDS System	
<b>BBOX_WSEN</b>	no	Maximum extents of dataset in Geographic WGS84 coordinates	West, South, East, North
<b>FEATURES</b>	yes	Dataset Characteristics	Downloadable, View_Only, No_WMS
<b>FEMA_WT</b>	no	Layer stacking order for WMS image request	FEMA specific attribute
<b>GB_RAW</b>	no	Size in GB for this dataset as flat files	
<b>GB_SDE</b>	no	Size in GB for this dataset when loaded into SDE / ImageServer	
<b>L_SCALE</b>	no	Lower limit for scale at which WMS image request will be honored	
<b>META_URL</b>	no	URL to view metadata	
<b>NGTOC</b>	no	USGS National Geospatial Technical Operations Center	MCMC, RMMC
<b>PER_COV</b>	no	Percent Coverage of the entire United States	
<b>PRODUCTKEY</b>	no	USGS Seamless / Tiled Server product identifier	Required identifier used for downloading data
<b>PROJECTION</b>	no	Coordinate system of dataset as it will be delivered	
<b>QUAD_EQ</b>	no	Equivalent number of quadsheets this dataset covers	
<b>REMV_SDDS</b>	no	Date removed from USGS Seamless Server	
<b>RESOLUTION</b>	no	Pixel size for raster datasets	Use with <b>UNITS</b> attribute

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<b>SEAMTITLE</b>	no	Text description as it appears on USGS Seamless and Tiled Servers	
<b>SOURCE</b>	no	Imagery source	High_Res, DOQ NAIP
<b>SQ_KM</b>	no	Area measured in square kilometers	
<b>SQ_MI</b>	no	Area measured in square miles	
<b>STATE_ABR</b>	no	State / Territory designator	
<b>STATE_NAME</b>	no	Full name of state or territory	
<b>STATUS</b>	yes	Dataset status	Planned_Acquisitions, In_Queue, In_Queue_VO, Seamless, Seamless_VO, Tiled, Tiled_VO
<b>TYPE</b>	yes	Dataset type	Color, BW (Black & White), CIR (Color Infrared), 4B/16bit (4 Band/16bit), 4B (4 Band), Vector, Elevation, Land Cover
<b>U_SCALE</b>	no	Upper limit for scale at which WMS image request will be honored	
<b>UNITS</b>	no	Pixel units for raster datasets	Use with <b>RESOLUTION</b> attribute
<b>USE_RESTRC</b>	no	Use restrictions	PD (Public Domain), VO (View Only), FOUO, R/VO (Restricted)
<b>WMS_LYR</b>	no	Layer name to be used in a WMS image request	
<b>WMS_SRVC</b>	no	Mapservice name to be used in a WMS image request	
<b>WMS_SRVR</b>	no	Server to be used in a WMS image request	
<b>WMS_URL</b>	no	Example combined WMS image request	